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Attachment to

28 July 1966

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REFERENCE:

KORDON SAM TRAINING CENTER  
USSR

25X1

1. SIGNIFICANCE: IDENTIFICATION OF EIGHT NEW SA-2 LAUNCH SITES AND ONE NEW SA-3 LAUNCH SITE. AN UNIDENTIFIED LAUNCH AREA AND AN UNIDENTIFIED POSSIBLE LAUNCH AREA ARE OBSERVED NORTH AND ESE, RESPECTIVELY, OF THE LAUNCH LINE. ALSO OBSERVED IS A SAM HANDLING AREA.
2. REMARKS: THIS FACILITY IS THE LARGEST SAM TRAINING INSTALLATION IN THE USSR.
3. LOCATION: 11 NM EAST OF KORDON AND 65 NM NW OF ASTRAKHAN.
4. COLLATERAL/COMINT: NONE
5. FIRST IDENTIFICATION:  25X1
6. NEGATION DATE: NONE
7. SUBSEQUENT COVERAGE: 26 KH-4 AND 2 KH-7 MISSIONS.

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GROUP 1  
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8. DIMENSIONS/  
SPECIFICATIONS:

NONE

9. MISSION READOUT:

THIS MISSION REVEALS THE ENTIRE FACILITY, WITH THE EXCEPTION OF THE LANDING STRIP 3 NM WEST OF THE MAIN SUPPORT BASE, IS COVERED. ALL OF THE LAUNCH FACILITIES AND THE SAM SUPPORT FACILITY ARE COVERED BY STEREO PHOTOGRAPHY. EIGHT NEW UNREVIEWED SA-2 LAUNCH SITES AND ONE NEW UNREVIEWED SA-3 LAUNCH SITE ARE OBSERVED.

AN UNIDENTIFIED LAUNCH AREA AND AN UNIDENTIFIED POSSIBLE LAUNCH AREA ARE OBSERVED NORTH AND ESE, RESPECTIVELY, OF THE LAUNCH LINE. LISTED FROM SOUTH TO NORTH, THE EQUIPMENT OBSERVED AT EACH LAUNCH SITE IS AS FOLLOWS:  
SITE 1A -- 3 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY SA-2 LAUNCHERS, AND AN UNREVIEWED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR, 7 VANS, AND 7 OTHER PIECES OF EQUIPMENT.

SITE 1B -- 3 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY SA-2 LAUNCHERS, AND A UNREVIEWED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR, 5 VANS, AND 4 OTHER PIECES OF EQUIPMENT. SIX CARGO TRUCKS ARE MOVING APPROXIMATELY 300 FT WEST OF THE CENTRAL GUIDANCE AREA.

SITE 1 -- 6 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A REVIEWED CENTRAL GUIDANCE AREA CONTAINING A PROBABLE FAN SONG, 8 VANS, AND 2 OTHER PIECES OF EQUIPMENT. IMMEDIATELY SOUTH OF THE LAUNCH AREA ARE

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6 EMPTY TRANSPORTERS WITHOUT PRIME MOVERS AND 6 SETS OF BOGIE WHEELS.

SITE 2 -- 6 REVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A REVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR, 8 VANS, AND 2 OTHER PIECES OF EQUIPMENT. IMMEDIATELY NW OF THE LAUNCH AREA ARE AN SA-2 MISSILE ON A TRANSPORTER WITHOUT A PRIME MOVER, 5 EMPTY TRANSPORTERS WITHOUT PRIME MOVERS, AND ONE OTHER PIECE OF EQUIPMENT. SIX ELECTRONIC VANS ARE BETWEEN SITES 1 AND 2.

SITE 3 -- 6 UNREVVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A REVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 9 VANS. IMMEDIATELY SW OF THE LAUNCH AREA ARE 7 UNOCCUPIED TRANSPORTERS WITHOUT PRIME MOVERS, 6 SETS OF BOGIE WHEELS, AND 6 SA-2 LAUNCHERS.

SITE 4 -- 6 REVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A REVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG E-RADAR, 7 VANS, AND 2 OTHER PIECES OF EQUIPMENT. ONE REVETTED MISSILE-HOLD POSITION IS OCCUPIED BY A CARGO TRUCK AND ANOTHER IS OCCUPIED BY A TRANSPORTER WITHOUT PRIME MOVER. THE THIRD REVETTED MISSILE-HOLD POSITION IS UNOCCUPIED. FIVE SETS OF BOGIE WHEELS ARE IMMEDIATELY NW OF THE SITE.

SITE 5 -- 6 UNREVVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A REVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 8 VANS. IMMEDIATELY SOUTH OF THE LAUNCH AREA ARE 5 UNOCCUPIED TRANSPORTERS WITHOUT

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PRIME MOVERS, ONE TRANSPORTER OCCUPIED BY AN SA-2 MISSILE WITHOUT PRIME MOVER, 5 SETS OF BOGIE WHEELS, AND ONE OTHER PIECE OF EQUIPMENT. ONE CARGO TRUCK IS IN THE LAUNCH AREA IMMEDIATELY SOUTH OF THE CENTRAL GUIDANCE AREA.

SITE 6 -- 6 REVETTED LAUNCH POSITIONS, 4 CONTAINING SA-2 LAUNCHERS AND 2 UNOCCUPIED, AND A REVETTED CENTRAL GUIDANCE AREA WITH A FAN SONG RADAR, 8 VANS, AND 3 OTHER PIECES OF EQUIPMENT. IMMEDIATELY SW OF THE LAUNCH AREA ARE 8 SA-2 TRANSPORTERS WITHOUT PRIME MOVERS AND 4 SETS OF BOGIE WHEELS. SEVEN OF THE TRANSPORTERS ARE UNOCCUPIED AND ONE IS OCCUPIED BY AN SA-2.

SITE 7 -- 6 REVETTED LAUNCH POSITIONS, 4 OCCUPIED BY SA-2 LAUNCHERS AND 2 UNOCCUPIED, AND A REVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR, 8 VANS, AND 2 OTHER PIECES OF EQUIPMENT. IMMEDIATELY NW OF THE LAUNCH AREA ARE 5 TRANSPORTERS WITHOUT PRIME MOVERS. ONE OF THE TRANSPORTERS IS OCCUPIED BY AN SA-2 AND THE OTHERS ARE UNOCCUPIED. FOUR SETS OF BOGIE WHEELS AND 2 OTHER PIECES OF EQUIPMENT ARE ALSO OBSERVED.

SITE 8 -- 6 UNREVVETTED LAUNCH POSITIONS, 3 OCCUPIED BY SA-2 LAUNCHERS, AND AN UNREVVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR, 8 VANS, AND 3 OTHER PIECES OF EQUIPMENT. IMMEDIATELY NORTH OF THE SITE ARE 3 SETS

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OF BOGIE WHEELS, 6 TRANSPORTERS WITHOUT PRIME MOVERS (ONE OCCUPIED BY AN SA-2), 6 SA-2 LAUNCHERS, 6 VANS, AND 6 CARGO TRUCKS.

SITE 9 -- 6 REVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A REVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR, 8 VANS, AND 2 OTHER PIECES OF EQUIPMENT. IMMEDIATELY SW OF THE LAUNCH AREA ARE 7 SA-2 TRANSPORTERS WITHOUT PRIME MOVERS (6 EMPTY AND ONE OCCUPIED BY A GUIDELINE MISSILE). IN THE SAME AREA ARE 9 VANS, 6 SETS OF BOGIE WHEELS, AND 6 SA-2 LAUNCHERS.

SITE 9A -- UNOCCUPIED SITE HAS NO PREPARED LAUNCH POSITIONS.

SITE 10 -- SA-3 SITE CONSISTING OF 4 REVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-3 LAUNCHER. THE REVETTED CENTRAL GUIDANCE AREA IS OCCUPIED BY A PROBABLE LOW BLOW RADAR AND 4 VANS. IMMEDIATELY WEST OF THE SITE ARE 8 SETS OF BOGIE WHEELS, 2 SA-3 TRANSPORTERS, AND 2 VANS. APPROXIMATELY 1,100 FT WEST OF SITE 10 IS A SAM HANDLING AREA CONTAINING 4 EMPTY HARD-STANDS AND AT LEAST 30 PROBABLE CANISTERS  IN LENGTH. 25X1

SITE 10A -- SA-3 SITE HAS 4 UNREVETTED LAUNCH POSITIONS, EACH OCCUPIED BY CANVAS-COVERED SA-3 LAUNCHERS, AND AN UNREVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A LOW BLOW RADAR AND 4 VANS.

SITE 11 -- 4 UNREVETTED LAUNCH POSITIONS, 3 OCCUPIED BY SA-2 LAUNCHERS AND ONE UNOCCUPIED, AND AN UNREVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN

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SONG RADAR AND 7 VANS. TWO OCCUPIED, CANVAS-COVERED SA-2 TRANSPORTERS WITHOUT PRIME MOVERS AND 3 OTHER PIECES OF EQUIPMENT ARE IN THE LAUNCH AREA.

APPROXIMATELY 1,100 FT WEST OF SITE 11 ARE 12 TENTS, ONE CRANE, AND 11 CARGO TRUCKS.

SITE 11A -- 3 UNREVIEWED LAUNCH POSITIONS, EACH CONTAINING AN SA-2 LAUNCHER, AND AN UNREVIEWED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 7 VANS. IMMEDIATELY WEST OF THE CENTRAL GUIDANCE AREA ARE 3 VANS, 3 SETS OF BOGIE WHEELS, AND 3 TRANSPORTERS WITH PRIME MOVERS. TWO OF THE TRANSPORTERS ARE CANVAS-COVERED AND OCCUPIED. THE THIRD IS UNOCCUPIED.

APPROXIMATELY 1,200 FT WEST OF SITE 11A ARE 14 TENTS, ONE UNOCCUPIED SA-2 TRANSPORTER WITH PRIME MOVER, AND AT LEAST 20 OTHER VEHICLES/PIECES OF EQUIPMENT.

SITE 11B -- 3 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY SA-2 LAUNCHERS, AND AN UNREVIEWED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 6 VANS. SIX OTHER PIECES OF EQUIPMENT ARE IMMEDIATELY WEST OF THE CENTRAL GUIDANCE AREA.

SITE 11C -- 3 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY SA-2 LAUNCHERS, AND AN UNREVIEWED CENTRAL GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND

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8 VANS. TWO OTHER PIECES OF EQUIPMENT ARE APPROXIMATELY 300 FT SOUTH OF THE CENTRAL GUIDANCE AREA. APPROXIMATELY 600 FT NORTH OF THE CENTRAL GUIDANCE AREA ARE 3 SETS OF BOGIE WHEELS AND 3 PROBABLY UNOCCUPIED, CANVAS-COVERED SA-2 TRANSPORTERS WITHOUT PRIME MOVERS.

SITE 12 -- 3 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND A CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 10 VANS. IMMEDIATELY WEST OF THE LAUNCH AREA ARE 5 CARGO TRUCKS, AN UNOCCUPIED SA-2 TRANSPORTER WITH PRIME MOVER, AND 2 OCCUPIED CANVAS-COVERED SA-2 TRANSPORTERS WITH PRIME MOVERS.

SITE 12A -- 4 UNREVIEWED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER (2 OCCUPIED BY SA-2 MISSILES), AND A CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 6 VANS. IN THE IMMEDIATE AREA SURROUNDING THE SITE ARE ONE OCCUPIED, CANVAS-COVERED SA-2 TRANSPORTER WITHOUT PRIME MOVER, ONE UNOCCUPIED SA-2 TRANSPORTER WITH PRIME MOVER, AND 5 OTHER PIECES OF EQUIPMENT. APPROXIMATELY 900 FT WNW OF SITE 12A ARE 16 PROBABLE CARGO TRUCKS, ONE CRANE, 3 SETS OF BOGIE WHEELS, AND ONE OCCUPIED, CANVAS-COVERED SA-2 TRANSPORTER WITH PRIME MOVER.

THE SAM SUPPORT FACILITY (TYPE 1) CONSISTS OF ONE LARGE AND 4 SMALL DRIVE-THROUGH BUILDINGS AND 3 REVETMENTS. THREE GUIDELINE MISSILES APPEAR ON DOLLIES IN THE NORTH END OF THE FACILITY. AT LEAST 10 MISSILE TRANS-

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PORTERS, 5 CRANES, 8 CANISTER TRANSPORTERS, 50 CARGO TRUCKS, 10 VANS, 750 SAM CANISTERS, AND 200 OTHER PIECES OF EQUIPMENT ARE IN THE AREA. NO APPARENT CHANGE OBSERVED IN THE HOUSING AND SUPPORT AREA FACILITIES. APPROXIMATELY 60 VEHICLES/PIECES OF EQUIPMENT ARE IN THE MOTOR POOL AREAS. APPROXIMATELY 2,000 FT NORTH OF THE HOUSING AND SUPPORT AREA ARE APPROXIMATELY 150 TENTS AND NUMEROUS PIECES OF UNIDENTIFIED EQUIPMENT. APPROXIMATELY 3,500 FT NNW OF THIS AREA ARE SITES 13A AND 13B.

SITE 13A -- 3 UNREVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND AN UNREVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 7 VANS.

SITE 13B -- 3 UNREVETTED LAUNCH POSITIONS, EACH OCCUPIED BY AN SA-2 LAUNCHER, AND AN UNREVETTED CENTRAL GUIDANCE AREA CONTAINING A FAN SONG RADAR AND 9 VANS. TWO UNOCCUPIED SA-2 TRANSPORTERS WITH PRIME MOVERS AND ONE OCCUPIED, CANVAS-COVERED SA-2 TRANSPORTER WITH PRIME MOVER ARE IMMEDIATELY NORTH OF THE LAUNCH AREA.

APPROXIMATELY 60 TENTS AND 80 VEHICLES/PIECES OF EQUIPMENT SUPPORT THESE SITES. NUMEROUS VEHICLES/PIECES OF EQUIPMENT AND TENTS ARE BETWEEN SITES 13A AND 13B AND THE AREA OF THE 150 TENTS.

WITH THE EXCEPTION OF THE OCCUPIED LAUNCHERS AT SITE 12A, NONE OF THE LAUNCHERS AT THE TRAINING CENTER APPEAR TO BE OCCUPIED. WITH THE EXCEP-

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TION OF SITE 4, ALL OF THE FAN SONG RADARS ARE PROBABLY B OR C TYPES. APPROXIMATELY 3 NM NORTH OF SITE 12 IS AN UNIDENTIFIED LAUNCH AREA, APPROXIMATELY 580 X 390 FT AND SECURED BY A FENCE. IT IS OCCUPIED BY A REVETTED 25 FT-DIAMETER LAUNCH POSITION, A REVETTED 35 X 30 FT HARD-STAND WITH A POSSIBLE BUILDING ADJACENT TO ONE EDGE OF THE REVETMENT, AND AN UNIDENTIFIED MOUNDED OBJECT. THE AREA COULD FIRST BE OBSERVED UNDER CONSTRUCTION ON [REDACTED] AND NEGATED ON [REDACTED]

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APPROXIMATELY 3.5 NM ESE OF LAUNCH SITE 1 IS AN UNIDENTIFIED POSSIBLE LAUNCH AREA UNDER CONSTRUCTION. THE PARTIALLY SECURED FACILITY HAS 2 HARDSTANDS AND AN EXCAVATION [REDACTED] IN DIAMETER. THE UNIDENTIFIED POSSIBLE LAUNCH AREA WAS NOT PRESENT ON [REDACTED]

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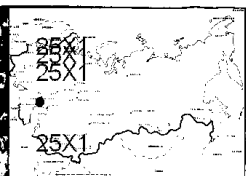
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UNIDENTIFIED POSS  
LAUNCH AREA U/C

UNIDENTIFIED  
LAUNCH AREA

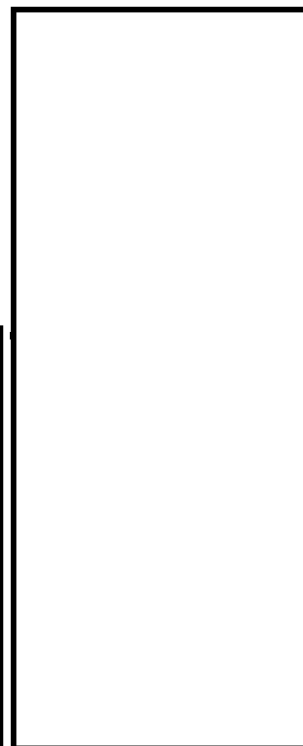
1, 1A, 1B, 2, 3, 4, 5, 6, 7, 8, 9, 10, 10A, 11, 11A, 11B, 11C, 12, 12A, 13, 13A, 13B, SAM HANDLING AREA, SAM SUPPORT FACILITY, HOUSING AND SUPPORT AREA, TENT CAMP, ACTIVITY

5X ENLARGEMENT

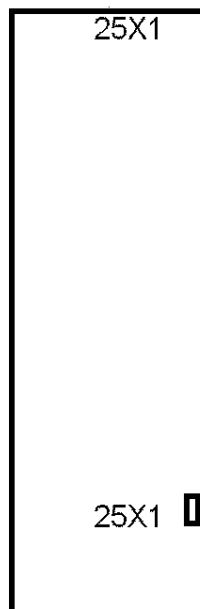
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